

**IDAHO PLUMBING BOARD**  
**“SPECIAL” MEETING**  
**MEETING PACKET**  
**AUGUST 28, 2008**

**IDAPA 07  
TITLE 02  
CHAPTER 06**

**07.02.06 - RULES CONCERNING UNIFORM PLUMBING CODE**

**011. ADOPTION AND INCORPORATION BY REFERENCE OF THE 2003 UNIFORM PLUMBING CODE.**

The 2003 Uniform Plumbing Code, including Appendices “A, B, D, E, G, H, I, J, and L,” (herein U.P.C.) is adopted and incorporated by reference with the following amendments. The 2003 Uniform Plumbing Code is available at the Division of Building Safety, 1090 E. Watertower St., Meridian, Idaho 83642; and at the Division of Building Safety, 1250 Ironwood Dr., Ste. 220, Coeur d’Alene, Idaho 83814. (4-6-05)

**01. Section 218.** Delete definition of “Plumbing System.” Incorporate definition of “Plumbing System” as set forth in Section 54-2604, Idaho Code. (3-15-02)

**02. Section 316.1.6.** PVC DWV may be joined by the use of one-step solvent cement listed or labeled per U.P.C. Section 301.1.1. (4-6-05)

**03. Section 402.3.1.** Nonwater Urinals. Where nonwater urinals are installed they shall be listed and comply with the applicable standards referenced in Table 14-1. Nonwater urinals shall have a barrier liquid sealant to maintain a trap seal. Nonwater urinals shall permit the unimpeded flow of waste through the urinal to the sanitary drainage system. Nonwater urinals shall be cleaned and maintained in accordance with the manufacturer’s instructions. Where nonwater urinals are installed they shall have a water distribution line rough-in to the urinal location to allow for the installation of an approved backflow prevention device in the event of a retrofit. ( )

**034. Section 420.0.** Pressure balance or thermostatic mixing valves are not required for high flow (over eight (8) g.p.m.) tub filler valves with hand shower sets attached. (3-15-02)

**045. Section 421.0.** Delete. (4-6-05)

**056. Section 604.1. Materials.** Crosslinked Polyethylene (PEX) Tubing manufactured to ASTM – F876/F877 and tested, approved, and listed to ANSI/NSF 14 and 61, for potable water along with all applicable installation standards may be used for hot and cold water distribution systems within a building or cold water distribution systems outside of a building. Listed PE (polyethylene) water service and yard piping may be installed within a building (above ground and below ground) with one (1) joint, provided that only listed and approved metallic transition fittings shall be used. (4-6-05)

**067. Section 609.4.** Testing. Deleting the phrase “Except for plastic piping,” at the beginning of the third sentence and add the following sentence at the end of the section: Plastic piping is to be tested in accordance with manufacturer’s installation standards. (4-6-05)

**078. Section 609.10.** Water hammer. Does not apply to residential construction. (7-1-98)

**089. Table 64 and Table A-2.** Change fixture unit loading value for bathtub or combination bath/shower, and clotheswashers to two (2) fixture units. (3-15-02)

**109. Section 610.2.** All new one (1) and two (2) family residences must have a pre-plumbed water softener loop. The kitchen sink must have one (1) hot soft line and one (1) cold soft line and one (1) cold hard line. Exterior cold hose bibbs intended for irrigation purposes must be piped with hard water. (3-30-07)

**101. Section 611.4.** Sizing of Residential Softeners. Amend Footnote 3 to read: Over four (4) bathroom

groups, softeners shall be sized according to the manufacturer's standards. (4-6-05)

~~142.~~ **Table 73.** Maximum unit loading and maximum length of drainage and vent piping. (EXCEPTION) The building drain and building sewer is not less than four (4) inches extending from its connection with the city or private sewer system and shall run full size to inside the foundation or building lines (ref: Section 717.0). Change fixture unit loading value for clotheswashers, domestic to two (2) fixture units. (3-15-02)

~~123.~~ **Section 703.1 Underground Drainage and Vent Piping.** No portion of the drainage or vent system installed underground, underground under concrete or below a basement or cellar shall be less than two (2) inches in diameter. (3-15-02)

~~134.~~ **Section 703.2 and 710.5. Add Exception.** In single family dwellings, one (1) fixture unit may be allowed for each gallon per minute of flow from a pump or a sump ejector. (3-15-02)

~~145.~~ **Section 704.2.** Two inch (2") and smaller double sanitary tees may be used for back to back or side by side fixture trap arms without increasing the barrel size. (4-6-05)

~~156.~~ **Section 704.3.** Delete. (5-3-03)

~~167.~~ **Table 75.** Change fixture unit loading value for one and a half (1 1/2) inch horizontal drainage to two (2) fixture units. (7-1-98)

~~178.~~ **Section 707.4 Cleanouts.** A full-sized accessible cleanout shall be installed in the vertical immediately above the floor or at the base of each waste or soil stack. A full-size cleanout extending to or above finished grade line shall be installed at the junction of the building drain and the building sewer (ref.: Section 719.1). Cleanouts shall be installed at fifty (50) foot intervals in horizontal drain lines two (2) inches or smaller. (3-15-02)

~~189.~~ **Section 712.1.** In the first sentence, delete the phrase "except that plastic pipe shall not be tested with air." (4-6-05)

~~1920.~~ **Section 801.2.3.** Add: Food preparation sinks, pot sinks, scullery sinks, dishwashing sinks, silverware sinks, commercial dishwashing machines, silverware-washing machines, steam kettles, potato peelers, ice cream dipper wells, and other similar equipment and fixtures must be indirectly connected to the drainage system by means of an air gap. The piping from the equipment to the receptor must not be smaller than the drain on the unit, but it must not be smaller than one (1) inch (twenty-five and four tenths (25.4) mm). (5-3-03)

~~201.~~ **Section 801.4. Drains.** Provisions must be made for the discharge of the water softener to terminate in an approved location. The drain line for a water softener must be three-fourths (3/4) inch minimum. A washer box with a dual outlet is an approved location as long as it is on the same floor or one (1) floor below the softener unit and the water softener drain line is a minimum three-fourths (3/4) inch. (3-30-07)

~~212.~~ **Section 807.4.** A domestic dishwashing machine may be installed without the use of an airgap if the drain hose is looped to the bottom side of the counter top and secured properly. (3-15-02)

~~223.~~ **Section 906.1.** Delete the existing provision and replace with the following: (4-2-08)

**a.** Roof venting. When conventional roof venting is utilized, each vent pipe or stack shall extend through its flashing and shall terminate vertically not less than six (6) inches (one hundred fifty-two (152) mm) above the roof nor less than one (1) foot (three hundred five (305) mm) from any vertical surface. (4-2-08)

**b.** Sidewall venting. When sidewall venting is utilized, the vent shall extend flush with the eaves/gable end, shall turn down using a ninety (90) degree ell, and shall terminate as close to the roof peak as possible. The vent end must be properly screened. Sidewall venting is acceptable on new or remodel construction on cabins, log homes, and residential or commercial buildings. (4-2-08)

**c.** Sidewall venting must meet the intent of Section 906.2 of the UPC. (4-2-08)

**234. Section 908. Exception Vertical Wet Venting.** A horizontal wet vent may be created provided it is created in a vertical position and all other requirements of Section 908 of the UPC are met. (7-1-98)

**245. Section 909.0.** Add: Parameters for the limited use of Air Admittance Valves (A.A.V.). (4-2-08)

- a.** An A.A.V. may be used only in residential buildings. (4-2-08)
- b.** In remodels, an A.A.V. may be used with island fixtures or remotely located sinks such as in bar, kitchen, or laundry tray locations. An A.A.V. shall not be used in bathroom groups. (4-2-08)
- c.** In new construction, an A.A.V. may be used on island fixture sinks. (4-2-08)
- d.** Each A.A.V. may be used to vent only one (1) floor. (4-2-08)
- e.** Each A.A.V. must be readily accessible. (4-2-08)
- f.** The cross-sectional area of venting must remain the same and must meet the largest required building drain. (4-2-08)
- g.** An A.A.V. shall only be installed in accordance with the manufacturer's installation standards as per ASSE 1051. (4-2-08)
- h.** An A.A.V. may not be used in an attic, crawl space, outside installation, or in connection with chemical or acid waste systems. (4-2-08)

**256. Section 1002.3.** Trap arms may not exceed one hundred eighty (180) degrees of horizontal turn without the use of a cleanout. (3-15-02)

## **Legislation – Title 54, Chapter 26, Idaho Code**

**54-2606. Powers and duties of the Idaho plumbing board.** (1) The board shall have the general administration and supervision of the design, construction, installation, improvement, extension and alteration of plumbing and plumbing systems, except that which has been heretofore and hereinafter exempted from the jurisdiction of this board, in connection with all buildings, residences and structures in this state including buildings, residences and structures owned by the state or any political subdivision thereof.

(2) The division of building safety shall enforce the minimum standards and requirements therefor as provided by this chapter.

(3) The board may exercise such powers and duties as are reasonably necessary to carry out the provisions of this chapter, and it may among other things:

(a) Establish the fees to be charged for permits and inspections of plumbing systems.

(b) Hold public meetings and attend or be represented at such meetings, within or without the state, prepare and publish rules pertaining to this chapter, and such other information as may be necessary, and furnish copies thereof to those engaged in the business, trade, practice or work of plumbing and pipefitting and to the public upon request.

(c) Furnish standards and procedures and prescribe reasonable rules for examinations, qualification and certification of plumbing contractors and journeymen and apprentice plumbers not herein prescribed, including **the establishment of continuing education requirements for journeymen and contractors.** ~~furnishing of a compliance bond in an amount not to exceed two thousand dollars (\$2,000) for the contractor classification or evidence of such coverage by a corporate industry group bond acceptable to the board.~~

**(d) Require the furnishing of a compliance bond by plumbing contractors in an amount not to exceed two thousand dollars (\$2,000) for the contractor classification or evidence of such coverage by a corporate industry group bond acceptable to the board.**

~~(d)~~**(e)** Furnish standards and procedures and prescribe reasonable rules to provide for the certification of specialty contractors, specialty journeymen, and specialty apprentices, including the furnishing of a compliance bond in an amount not to exceed two thousand dollars (\$2,000) for the specialty contractor classification or evidence of coverage by a corporate industry group bond acceptable to the board.

~~(e)~~**(f)** Establish by administrative rule civil penalties not to exceed one thousand dollars (\$1,000) for each count or separate offense, to be paid for violations of this chapter and rules of the Idaho plumbing board; and to establish by administrative rule the process by which appeals from the imposition of civil penalties may be heard. The board is authorized to affirm, reject, decrease or increase the penalty imposed; however, the board shall not increase any penalty

imposed to an amount exceeding one thousand dollars (\$1,000) for each individual count or separate offense.

**54-2617. Certificate expiration - Renewal - Rules for staggered schedule.** (1) Certificates of competency shall be issued for a period of three (3) years, and shall expire three (3) years from the date of issue, unless sooner revoked or suspended.

(2) A certificate of competency for contractor or journeyman may be renewed at any time during the month prior to its expiration by providing proof of completion of the continuing education requirements as established by the board and compliance with all other renewal requirements of statute or rule. A certificate of competency for specialty contractor and specialty journeyman may be renewed at any time during the month prior to its expiration by compliance with all renewal requirements of statute or rule.

(3) Failure of any holder to timely renew a certificate of competency shall cause lapse of the certificate, but it may be revived within one (1) year without examination only upon payment of the full initial fee.

(34) The board shall promulgate rules to provide for a staggered schedule of issuing and renewing certificates of competency.

~~(7-1-99)~~(\_\_\_\_)

**IDAPA 07  
TITLE 02  
CHAPTER 04**

**07.02.04 - RULES GOVERNING PLUMBING SAFETY INSPECTIONS**

**011. REQUIRED INSPECTIONS.**

**01. Ground Work Inspection Tags.** ~~Yellow:~~ For ground work to be covered, with acceptance by the inspector. A ~~yellow~~ tag will be attached in a prominent location, preferably to a vertical riser. ~~(8-25-88)~~(\_\_\_\_)

**02. Rough-In Inspection Tags.** ~~Green:~~ For rough-in, prior to covering or concealing with acceptance by the inspector. A ~~green~~ tag will be ~~attached to the sink waste pipe~~ attached in a prominent location. ~~(6-4-76)~~(\_\_\_\_)

**03. Final Inspection Tags.** ~~Blue:~~ For final, attached when the plumbing as specified on the permit is complete and conforms to the requirements of the code. (6-4-76)

**04. Inspection Tags for Unacceptable Plumbing.** Red: Not acceptable, and when attached to the plumbing system means that the plumbing is not acceptable and that corrections will be required. Also, a reinspection and reinspection fee shall be required. (6-4-76)

## **RULE CHANGE PROPOSALS**

### **IDAPA 07.02.05**

000-010

#### **011. APPRENTICE REGISTRATION.**

The minimum age for any apprentice shall be sixteen (16) years. All apprentices shall be registered with the division. The registration fee shall be as prescribed by Section 54-2614, Idaho Code. No examination is required. In order to maintain registration properly, an individual must be working at the trade under the constant on-the-job supervision of a journeyman and in the employ of a contractor. The apprentice must also be enrolled and active in an approved related training class for a total of **three (3) years in order to be eligible for a residential endorsement, and four (4) years in order to be eligible for a journeyman.** ~~four (4) years.~~ Unless prior approval has been granted by the plumbing bureau, the apprentice must complete the required course work sequentially: year one (1) must be completed prior to beginning year two (2); year two (2) must be completed prior to beginning year three (3); year three (3) must be completed prior to beginning year four (4). A minimum of one hundred forty-four (144) hours of classroom and /or other board approved instruction time per school year is required. A grade average of seventy percent (70%) must be maintained in these courses. Upon completion of apprenticeship training, the apprentice must obtain a certificate of completion, or a letter signed by the chairman of his apprenticeship committee, and attach the certificate or letter to his application for a journeyman license. In order to maintain registration, the apprentice shall renew his registration annually in the month of his initial registration. The renewal fee shall be as prescribed in Section 54-2614, Idaho Code.

#### **012. RESIDENTIAL ENDORSEMENT.**

**01. Qualifications for Residential Endorsement. An applicant for a residential endorsement must have at least three (3) years experience as an apprentice making plumbing installations under the constant on-the-job supervision of a qualified journeyman plumber, as provided by Section 54-2611, Idaho Code. Pipe fitting will not be accepted as qualifications for a journeyman plumber's license. An application for examination and license is required in order to obtain a residential endorsement. The application must be accompanied by proof the applicant has completed a minimum of three (3) years experience in the trade as provided in IDAPA 07.02.05.011. Exhibition of a current license or photostatic copy of it from another jurisdiction may be accepted as proof of experience. The examination fee shall be as prescribed by Section 54-2614, Idaho Code, and must accompany the application. Time spent with a residential endorsement shall not apply toward time required for obtaining a plumbing contractor license.**

**02. Examination. The residential endorsement examination grade is based on (1) answers to written questions and (2) practical work to be performed at a location approved by the plumbing bureau after the completion of the written examination. A passing grade is required on the written examination. The practical work must pass with no violations.**

**03. Scope of work permitted. A residential endorsement shall fulfill the constant on-the-job supervision requirement for one and two family dwelling units only and shall not supervise more than one apprentice; and will be considered an apprentice in all other applications.**

**0123. JOURNEYMAN.**

01. [TEXT OMITTED]

02. Examination. The journeyman examination grade is based on (1) answers to written questions and (2) practical work performed ~~on a job in progress~~ **at a location approved by the plumbing bureau** after successful completion of the written work. ~~Time allowed for the written exam is four (4) hours.~~ A passing grade is required on the written examination. The practical must pass with no violations.

**0134. PLUMBING CONTRACTOR [TEXT OMITTED]**

**0145. APPLICATIONS [TEXT OMITTED]**

**0156. EXAMINATION.**

01. Examinations for Journeyman **and Residential Endorsement** Plumber. Written examinations for any journeyman plumber's license shall be formulated and approved by the board. Examination questions shall be based on the practical application of the Uniform Plumbing Code. No license shall be issued unless the applicant receives a final grade of seventy-five percent (75%) or higher on the written examination and passes the practical portion with no violations. An applicant receiving a grade of less than seventy-five percent (75%) may apply for reexamination upon payment of the examination fee. An applicant has six (6) months to achieve a passing score. If an applicant does not achieve a passing score in six (6) months, the applicant must enroll in year four (4) **for journeyman plumbers or year three (3) for residential endorsement** in a Board-approved related training course, complete year four (4) **for journeyman and year three (3) for residential endorsement**, be registered with the Plumbing Bureau as an apprentice, and maintain registration as per Section 011 before the applicant will be eligible to apply for examination. A completion certificate for year four (4) **for journeyman and year three (3) for residential endorsement** and the proper application fee must accompany a new application for a journeyman **or residential endorsement** examination.

## STATUTE CHANGE PROPOSALS

### 54-2611. Classification of competency

(a) [TEXT OMITTED]

(b) [TEXT OMITTED]

(c) **A residential endorsement plumber shall be any person, who as his principal occupation, is engaged in the installation, improvement, extension, and alteration of plumbing systems in one and two family dwelling units, and who is familiar with the provisions of this act and who works in the employ and under the direction of a plumbing contractor.**

(~~e~~**d**) [TEXT OMITTED]

(~~e~~) [TEXT OMITTED]

(~~f~~) [TEXT OMITTED]

(~~g~~) [TEXT OMITTED]

### 54-2614. Application and registration fees

All applicants shall pay the board at the time of application for examination, a fee in accordance with the following:

Application for Plumbing Contactor.....**\$122.50**

Application for Plumbing Journeyman.....**\$122.50**

**Application for Plumbing Residential Endorsement.....\$122.50**

Application for Specialty Contractor.....**\$122.50**

Application for Specialty Journeyman.....**\$122.50**

### 54-2616. Fees for certificates—Prorating

(1) Before a certificate is issued, and for the renewal thereof, the successful applicant shall pay the division of building safety a fee in accordance with the following schedule:

	Initial Fee	Renewal
Plumbing Contractor	\$75.00	\$36.00
Plumbing Journeyman	<del>\$15</del> <u><b>50.00</b></u>	<del>\$7.20</del> <u><b>25.00</b></u>
<u><b>Plumbing Residential Endorsement</b></u>	<u><b>\$50.00</b></u>	<u><b>\$25.00</b></u>
Specialty Contractor	\$75.00	\$36.00
Specialty Journeyman	<del>\$15</del> <u><b>50.00</b></u>	<del>\$7.20</del> <u><b>25.00</b></u>

### 54-2618. Certificate to be displayed and certificates of competency and registration carried or in the vicinity of work site

All holders of valid certificates in the contractor and specialty contractor classifications shall display a sign or card, upon a form prescribed and furnished by the division of building safety, for public view in their place of business. All journeyman, **residential**

**endorsement**, and specialty journeyman shall have their certificate of competency on their persons or in the immediate vicinity of the work site during working hours. Apprentices and specialty apprentices shall have evidence of registration on their persons or in the immediate vicinity of the work site during working hours.

54-2619. Municipal fees for permits, inspections—Exceptions

No provision of this act shall deprive incorporated cities, including those specially chartered, from collections of fees from permits and inspections. Notwithstanding the provisions of *sections 50-304, 50-306 and 50-606, Idaho Code*, no cities, including those specially chartered, shall require occupational license fees from plumbing contractors, journeyman and **residential endorsement** who possess a valid certificate of competency issued by the administrator of the division of building safety, except those cities that have qualified plumbing inspectors.